

# Caprellidæ From Laguna Beach

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## *Caprella tuberculata* n. sp.

The peræon is covered with blunt tubercles, placed in the following positions: Two on the second body segment, one near the center, the other in line with it and posterior. Five on the third segment, one small pair anteriorly situated, another larger pair near the center, one single large one posteriorly situated. Four on the fourth segment: a small pair anteriorly situated, a single large one in center, and a single large one posteriorly situated. Six on the fifth segment: one small pair anteriorly situated, three forming a triangle near the center, and one large one posteriorly situated.



Two fairly large ones on the sixth segment. Also the same on the seventh segment. The peræon has small spines on each side. There are seven tubercles on the ventral side: two on fifth segment, two on the fourth and three on the third.

There are two sharp spines on the first segment: one posteriorly situated, the other on the left, a third of the way down the segment.

The first segment is triangular in shape, shorter than the second. The second and third the same length, the second being broader than the third. The fourth slightly longer than the second and third. The fifth, sixth and seventh each growing smaller, respectively, and truncate at the tip. The branchia ovate in shape. Antennæ stout, superior pair 3 mm. in length. First joint stout and

thick, not as long as second. Third shorter than the first. Flagellum nearly as long as peduncle, having from 10 to 12 joints. Inferior pair of antennæ extending a little past middle of the flagellum of superior.

The first gnathopod attached far forward and small, finger slender, three-fourths as long as hand. One spine near the base of hand, the finger is finely toothed along the inner margin.

The second gnathopod is attached to the middle of the body segment. The basal joint is short and thick. The finger is three-fourths the length of palm and has fine teeth along inner margin. The palm is slightly concave, having one large, sharp tooth at the base, also a small tooth at distal extremity.

Third, fourth, and fifth peræopods similar in structure, armed with stout hairs; palm slightly concave.

Length of specimen, 10-12 mm.

Color, translucent.

Specimens taken at Laguna Beach by Dr. W. A. Hilton, August, 1915, from polyzoa at Abalone Point. Type in Pomona College collection.

Dr. Hilton found another lot of specimens of this genus living among the hydroids at Balboa Bay. It may be a new species, as it differs from any descriptions we have found, but it may simply be a variety of *Caprella geometrica* Say, at least we will not describe it further at this time.

*(Contribution from the Zoological Laboratory of Pomona College)*